

## **The Circulatory System Lab Work Sheet**

### **Chapter 20 / Saladin**

1. To get from the subclavian artery to the brachial artery, blood must flow through
  - A) the axillary artery.
  - B) the deep brachial artery.
  - C) the brachiocephalic artery.
  - D) the ulnar artery.
  - E) the radial artery.
  
2. The human body has only one \_\_\_\_ but has two of each of the rest of these vessels.
  - A) median cubital vein
  - B) brachiocephalic artery
  - C) brachiocephalic vein
  - D) common iliac vein
  - E) anterior communicating artery
  
3. The human body has only one \_\_\_\_ but has two of each of the rest of these vessels.
  - A) inferior phrenic artery
  - B) superior mesenteric artery
  - C) gastroepiploic artery
  - D) femoral artery
  - E) plantar arch
  
4. The muscles between the ribs are supplied by the anterior and posterior
  - A) subclavian arteries.
  - B) phrenic arteries.
  - C) thoracic arteries.
  - D) thoracoacromial arteries.
  - E) intercostal arteries.
  
5. Most blood from the brain flows down the internal jugular veins and then into
  - A) the external jugular veins.
  - B) the vertebral veins.
  - C) the superior vena cava.
  - D) the subclavian veins.
  - E) the brachiocephalic veins.
  
6. How many pulmonary arteries empty into the right atrium of the heart?
  - A) none
  - B) one
  - C) two
  - D) four
  - E) six

7. The anterior and posterior communicating arteries are found in
- A) the neck.
  - B) the arterial circle (or circle of Willis).
  - C) branches of the celiac trunk.
  - D) the forearm.
  - E) the azygos-hemiazygos system.
8. The major deep veins of the forearm are the \_\_\_\_ on the medial side and the \_\_\_\_ on the lateral side, respectively.
- A) cephalic...basilic
  - B) basilic...cephalic
  - C) ulnar...radial
  - D) radial...ulnar
  - E) brachial...axillary
9. The posterior intercostal veins on the right side of the thoracic cage empty into
- A) the azygos vein.
  - B) the hemiazygos vein.
  - C) the inferior vena cava.
  - D) the superior vena cava.
  - E) the subclavian veins.
10. Which of the following arteries does not occur in the lower extremity?
- A) digital arteries
  - B) posterior tibial artery
  - C) medial plantar artery
  - D) peroneal artery
  - E) anterior interosseous artery
11. Which of the following veins does not occur in the upper extremity?
- A) cephalic vein
  - B) small saphenous vein
  - C) basilic vein
  - D) median antebrachial vein
  - E) ulnar vein
12. All of the following are supplied by the celiac trunk except for
- A) the superior mesenteric artery.
  - B) the splenic artery.
  - C) the left and right gastric arteries.
  - D) the hepatic artery.
  - E) the gastroduodenal artery.

- 13.** The last branch off the aortic arch is
- A) the brachiocephalic artery.
  - B) the coronary artery.
  - C) the left subclavian artery.
  - D) the left common carotid artery.
  - E) the right common carotid artery.
- 14.** Near the elbow, the brachial artery branches and gives rise to
- A) the radial and ulnar arteries.
  - B) the deep brachial and radial recurrent arteries.
  - C) the radial and radial recurrent arteries.
  - D) the radial and anterior interosseous arteries.
  - E) the ulnar artery and ulnar recurrent artery.
- 15.** In humans, there is no such thing as
- A) a right common carotid artery.
  - B) a left brachiocephalic artery.
  - C) a left brachiocephalic vein.
  - D) a right subclavian vein.
  - E) a right brachiocephalic artery.
- 16.** Immediately lateral to the eyebrow, you can palpate the pulse of
- A) the external carotid artery.
  - B) the ophthalmic artery.
  - C) the hemiazygos artery.
  - D) the facial artery.
  - E) the superficial temporal artery.
- 17.** Which of these is not below the knee?
- A) the medial plantar artery
  - B) the obturator artery
  - C) the small saphenous vein
  - D) the anterior tibial vein
  - E) the dorsalis pedis artery
- 18.** The hepatic portal vein receives blood from all of the following except
- A) the splenic vein.
  - B) the superior mesenteric vein.
  - C) the pancreatic vein.
  - D) the hepatic veins.
  - E) the gastroepiploic veins.

**19.** Which of the following is not a branch of the external carotid artery?

- A) the superficial temporal artery
- B) the ophthalmic artery
- C) the facial artery
- D) the occipital artery
- E) the superior thyroid artery

**20.** The two internal carotid arteries unite on the base of the brain to form

- A) the common carotid artery.
- B) the posterior communicating artery.
- C) the Willis artery.
- D) the obturator artery.
- E) the basilar artery.